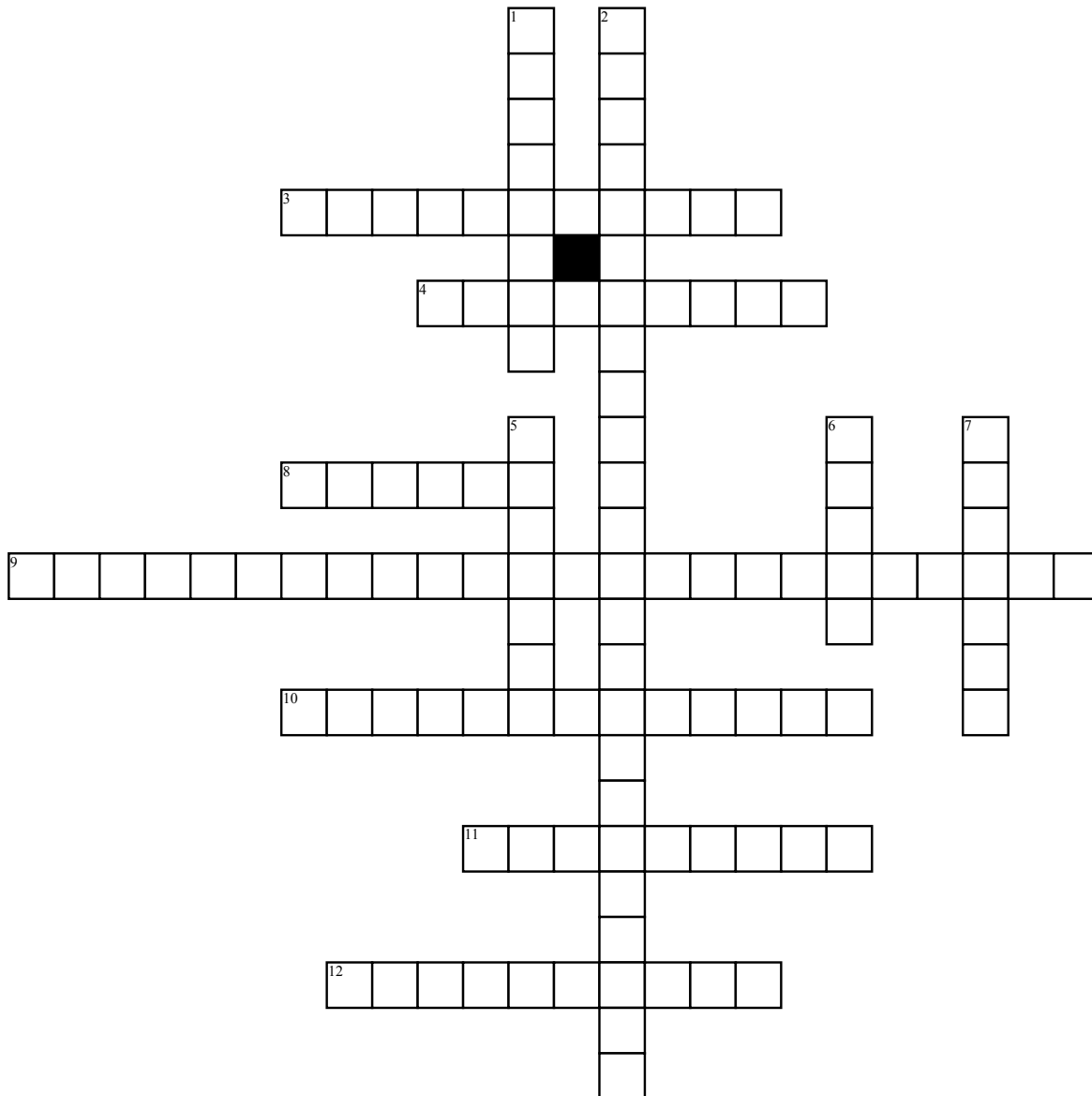


Light



Across

3. The bending of light waves around a slit of size comparable to the wavelength
 4. The number of waves that pass a point in space per unit time
 8. Einstein's packet of light energy
 9. Another name for light

10. Effect whereby electrons are emitted when a metal is struck by light
 11. Energy required to dislodge an electron from a metal surface
 12. The distance between successive wave crests of a wave

Down

1. Light with a wavelength slightly longer than red light

2. Two waves in phase that overlap

5. The relationship between energy and wavelength of light

6. Light with the longest wavelengths on the electromagnetic spectrum

7. Light that can be observed by the human eye